

UNINSTRUMENTING IN-LINE CODE INSTRUMENTATION ON-THE-FLY

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ABSTRACT OF THE DISCLOSURE

A method and system for reverting a process in an in-line instrumented state to an uninstrumented state. In one embodiment, the present invention modifies selected text segment portions from the process to be uninstrumented. The present embodiment then unmaps instrumented code space such that the instrumented code space is inaccessible to the process. In this embodiment, provided an instruction pointer resides in the instrumented code space, the present invention updates the instruction pointer to uninstrumented code space. The present embodiment also executes the process and, provided the process generates a fault by seeking to access an address in instrumented code space, provides a corresponding address in uninstrumented code space. In one embodiment, the present invention then continues execution at the address in instrumented code space.